

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 25710  | (synchron\$8 near4 (packet\$1 or frame\$1 or cell\$1 or stream\$1 or data or video or audio)) same (network or bus)                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/14 14:15 |
| L3    | 2548   | (synchron\$8 near4 (packet\$1 or frame\$1)) same bus   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/14 15:01 |
| L4    | 3599   | 713/400-401.CCLS. OR<br>713/500-502.CCLS. OR<br>713/600-601.CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/14 15:02 |
| L5    | 71983  | (SYNC\$12 NEAR3 (BIT\$1 OR BYTE\$1 OR FRAME\$1 OR PACKET\$1)) OR (START ADJ BIT)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/14 15:02 |
| L6    | 60429  | (adjust\$3 or modif\$9 or alter\$3 or chang\$3 or drop\$4) near5 (clock or tim\$3 or phases\$1 or edge) with (threshold or limit or point) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/14 15:04 |
| L8    | 193113 | (adjust\$3 or modif\$9 or alter\$3 or chang\$3) near5 phase\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/14 15:12 |
| L9    | 159747 | (adjust\$3 or modif\$9 or alter\$3 or chang\$3) near3 phase\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/14 15:12 |
| L10   | 193113 | (adjust\$3 or modif\$9 or alter\$3 or chang\$3) near5 phase\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/14 15:13 |
| L11   | 67443  | (falling or egress or ingress or negative or positive or ris\$3) near3 edge  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/14 15:13 |

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|-----|--------|---|---|----|-----|------------------|
| L12 | 67443  | (falling or egress or ingress or negative or positive or ris\$3) near3 edge         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 15:14 |
| L13 | 58155  | (falling or egress or ingress or negative or positive or ris\$3) adj3 edge          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 15:14 |
| L14 | 7076   | 709/223-224.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 15:14 |
| L15 | 8799   | 375/219-236.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 15:14 |
| L16 | 9264   | 709/230-238.ccls. or 709/246-248.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 15:15 |
| L17 | 22700  | "710"/\$.CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 15:15 |
| L18 | 1331   | 710/309-310.CCLS. OR<br>710/105-106.CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:40 |
| L19 | 231423 | (adjust\$3 or modif\$9 or alter\$3 or chang\$3) near5 (clock or phase\$1)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 15:15 |
| L20 | 800737 | (adjust\$3 or modif\$9 or alter\$3 or chang\$3) near5 (clock or tim\$3 or phase\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 15:16 |
| L21 | 131118 | (multiphase or multi or multiple or plurality) with (phas\$3)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 15:16 |

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| L22 | 1514    | (greater or more) near3<br>command\$1 near3 data  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:21 |
| L23 | 1554    | (drop\$4 or cancel\$3 or delet\$4 or<br>eliminat\$4) with (falling or egress<br>or ingress or negative or positive<br>or ris\$3) near3 edge | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 15:17 |
| L24 | 6920    | levy.inv. or mauritz.inv.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:13 |
| L25 | 34195   | (synchron\$8 near5 (BUS OR<br>packet\$1 or frame\$1 or cell\$1 or<br>stream\$1 or data or video or<br>audio)) same (network or bus)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:44 |
| L26 | 1528847 | (command or control or data)<br>near3 (bit\$1 or field\$1 OR<br>VOABULARY OR WORD\$1 OR<br>LINE\$1 OR SIGNAL)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:14 |
| L27 | 1529173 | (command or control or data)<br>near3 (bit\$1 or field\$1 OR<br>VOcABULARY OR WORD\$1 OR<br>LINE\$1 OR SIGNAL)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:14 |
| L28 | 96      | 18 and 16   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:15 |
| L29 | 77      | 28 and 27   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:15 |
| L30 | 18      | 29 and 20   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:15 |
| L31 | 76      | 3 and 16  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:15 |

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| L32 | 1603485 | 31 nd 27   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:16 |
| L33 | 71      | 31 and 27  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:15 |
| L34 | 28      | 33 and 20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:16 |
| L35 | 9       | 13 and 34  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:19 |
| L36 | 24664   | intel.asn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:19 |
| L37 | 127     | 36 and 18  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:20 |
| L38 | 21      | 37 and 13  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:20 |
| L39 | 9       | 38 and 20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:20 |
| L40 | 1706    | (greater or more) near3<br>command\$1 near3 (word or data) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:32 |
| L41 | 0       | 40 and 39  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:32 |

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| L42 | 618  | 40 and 20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:33 |
| L43 | 98   | 42 and 13  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:33 |
| L44 | 456  | 43 and 5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:33 |
| L45 | 50   | 43 and 5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:34 |
| L46 | 46   | 45 and @ad<"20010619"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:45 |
| L47 | 1821 | 710/309-310.CCLS. OR<br>710/105-106.CCLS. or 710/60-61.<br>ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:41 |
| L48 | 38   | 20 and 22 and 13 and 5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:42 |
| L49 | 34   | 48 and @ad<"20010619"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:42 |
| L50 | 0    | 49 and 47  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:43 |
| L51 | 0    | 49 and 4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:43 |

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| L52 | 36608 | (sync\$12 near5 (BUS OR packet\$1 or frame\$1 or cell\$1 or stream\$1 or data or video or audio)) same (network or bus)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:44 |
| L53 | 193   | (4 or 14 or 15 or 47) and 5 and 13 and 20 and 52 and 27  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:45 |
| L54 | 156   | 53 and @ad<"20010619"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 17:45 |
| S1  | 8     | choquier.inv.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/12/10 11:01 |
| S2  | 2     | vaughn.xa. and sna   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/12/10 11:05 |
| S3  | 16    | ("4677588"   "4837805"  <br>"5077655"   "5396485"  <br>"5424724"   "5440558"  <br>"5493607"   "5528671"  <br>"5548729"   "5568180"  <br>"5572724"   "5583862"  <br>"5655073"   "5748894"  <br>"5805816"   "5815664").PN. | USPAT   | OR | OFF | 2003/12/10 11:02 |
| S4  | 5     | vaughn.xa. and connectionless  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/12/10 11:06 |

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|----|----|--|---|----|-----|------------------|
| S5 | 68 | (<br>"4608688"   "4649473"  <br>"4755928"   "5021949"  <br>"5175837"   "5206939"  <br>"5208665"   "5218695"  <br>"5243595"   "5255270"  <br>"5269011"   "5276860"  <br>"5276867"   "5335352"  <br>"5341493"   "5367698"  <br>"5371532"   "5371850"  <br>"5381539"   "5408465"  <br>"5410343"   "5414455"  <br>"5442390"   "5442771"  <br>"5477263"   "5508732"  <br>"5508733"   "5528282"  <br>"5528513"   "5530557"  <br>"5533021"   "5534912"  <br>"5537408"   "5539660"  <br>"5544313"   "5544327"  <br>"5544345"   "5544347"  <br>"5550577"   "5553005"  <br>"5555265"   "5555396"  <br>"5557317"   "5557611"  <br>"5559949"   "5572678"  <br>"5583561"   "5586264"  <br>"5594910"   "5603058"  <br>"5619650"   "5619697"  <br>"5640596"   "5710923"  <br>"5717745"   "5745685"  <br>"5787300"   "5796954"  <br>"5797005"   "5799173"  <br>"5867562"   "5893140"  <br>"5918018"   "5933603"  <br>"5948062"   "5966531"  <br>"5987611"   "6009463").PN. | USPAT   | OR | OFF | 2003/12/10 11:05 |
| S6 | 6  | S5 and sna   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2003/12/10 11:06 |
| S7 | 4  | ((<br>"5412697") or ("5436897")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 15:45 |
| S8 | 4  | "5436897".pn. or "5412697".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/11/30 13:37 |

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| S9  | 20    | "5436897".uref. or "5412697".uref. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/30 13:38 |
| S10 | 22001 | intel.asn.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 15:46 |
| S11 | 6236  | levy.inv.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 15:46 |
| S12 | 367   | mauritz.inv.                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 15:46 |
| S13 | 46    | S10 and (S11 or S12)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 15:52 |
| S14 | 5     | S13 and synchron\$8                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:11 |
| S15 | 13    | (S11 and S12)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 15:56 |
| S16 | 14    | "5412697".uref.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:11 |
| S17 | 5     | S14 and synchron\$8                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:51 |
| S18 | 10    | S16 and synchron\$8                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:21 |



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| S19 | 0     | (continues near service near other near request\$1) same upgrad\$3          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:23 |
| S20 | 4     | "6453468".uref.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:25 |
| S21 | 3     | "6453468".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:25 |
| S22 | 6     | ("4870575"   "4974149"   "5193178"   "5815654"   "6038517"   "6314532").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2004/12/01 16:26 |
| S23 | 216   | stop\$3 near rout\$3 near4 (message\$1 or request\$1)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:27 |
| S24 | 1     | S23 and "717"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:28 |
| S25 | 19368 | during near4 (updat\$3 or upgrad\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:28 |
| S26 | 161   | "19" and S23  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:28 |
| S27 | 31    | S25 and S23   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:30 |
| S28 | 40    | (redirect\$4 near4 request\$1) and "717"/\$.ccls.                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:31 |

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| S29 | 3    | (redirect\$4 near4 request\$1) with upgrad\$3                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:31 |
| S30 | 14   | (redirect\$4 near4 request\$1) same upgrad\$3                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:33 |
| S31 | 5478 | ferguson.inv.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:33 |
| S32 | 25   | S31 and ibm.asn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:33 |
| S33 | 1621 | 717/168-169.ccls. or 717/17\$.ccls.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:34 |
| S34 | 97   | S33 and redirect\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:34 |
| S35 | 629  | redirect\$4 near8 (upgrad\$3 or updat\$3 or installat\$4)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:34 |
| S36 | 21   | S35 and S33  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:36 |
| S37 | 244  | redirect\$4 same ((pluralit\$3 or cluster\$1) near4 server\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:37 |
| S38 | 3    | S37 and S33  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:37 |

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| S39 | 4     | ("5412697"   "5590364"   "5619541"   "6008734").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2004/12/01 16:50 |
| S40 | 1     | ("6008734").URPN.                                    | USPAT   | OR | OFF | 2004/12/01 16:51 |
| S41 | 2405  | (synchron\$8 near4 (packet\$1 or frame\$1)) same bus | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 10:50 |
| S42 | 231   | 713/375.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:56 |
| S43 | 234   | 710/61.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:57 |
| S44 | 214   | S42 and synchron\$8                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:57 |
| S45 | 3     | S41 and S42  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 16:59 |
| S46 | 8     | S43 and S42  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:00 |
| S47 | 40042 | control adj3 (byte\$1 or bit\$1)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:00 |
| S48 | 24052 | (falling or egress or ingress) adj3 edge             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 10:52 |
| S49 | 92    | encod\$3 and S48 and S47 and S41                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:01 |

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| S50 | 1      | S49 and S43   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:01 |
| S51 | 40330  | (falling or egress or ingress or rising) adj3 edge  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:06 |
| S52 | 517207 | clock\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:07 |
| S53 | 10000  | (synchron\$8 near4 (packet\$1 or frame\$1)) and bus | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:07 |
| S54 | 860    | (clock\$1 near4 (adjust\$3 or modif\$8)) and S53    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:15 |
| S55 | 7      | S54 and ( S42 or S43)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:09 |
| S56 | 284    | S54 and S51   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:09 |
| S57 | 284    | S56 and S53   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:09 |
| S58 | 40     | S57 and "710"/\$.ccls.                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:10 |
| S59 | 31     | S58 and @ad<"20010101"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/01 17:10 |

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S60 | 41838 | (falling or egress or ingress or rising) adj3 edge | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:21 |
| S61 | 77372 | (command or control) near3 (bit\$1 or byte\$1)     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:13 |
| S62 | 7413  | S60 and S61  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:13 |
| S63 | 4019  | S62 and falling and rising                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:13 |
| S64 | 2893  | S63 and synchroniz\$9                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:13 |
| S65 | 3318  | S62 and (falling same rising)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:14 |
| S66 | 643   | S62 and (falling same rising same synchroniz\$9)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:14 |
| S67 | 64    | S61 same (falling same rising same synchroniz\$9)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:14 |
| S68 | 19137 | (clock\$1 near4 (adjust\$3 or modif\$8))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:14 |
| S69 | 136   | S68 and S66  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:15 |

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|-----|--------|---|---|----|-----|------------------|
| S70 | 11     | S68 and S67   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:13 |
| S71 | 219850 | (exchang\$3 or transmit\$4 or<br>forward\$3 or transmission or<br>send\$3) near5 (frame\$1 or<br>packet\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:18 |
| S72 | 49     | S71 and S68 and S66   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:19 |
| S73 | 15     | S72 and @ad<"20010101"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:27 |
| S74 | 51295  | (falling or egress or ingress or<br>rising or positive or negative) adj3<br>edge                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:04 |
| S75 | 78466  | (multiphase or multi or multiple)<br>with (phas\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 10:54 |
| S76 | 46     | S75 and S68 and S66   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 07:27 |
| S77 | 14     | S76 and @ad<"20010101"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:05 |
| S78 | 8684   | 709/230-238.ccls. or 709/246-248.<br>ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:11 |
| S79 | 8537   | 375/219-236.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:13 |

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|-----|-------|---|---|----|-----|------------------|
| S80 | 25    | S79 and S78                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:13 |
| S81 | 2     | S60 and S80                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:14 |
| S82 | 11    | S66 and S78                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:34 |
| S83 | 21569 | "710"/\$.CCLS.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:35 |
| S84 | 1042  | S83 AND S60 AND S61                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:35 |
| S85 | 40    | S83 AND S74 AND S68 AND S75               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:36 |
| S86 | 37    | S85 AND SYNCHRONIZ\$8                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:36 |
| S87 | 23    | S86 AND FRAME\$1                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:37 |
| S88 | 1265  | 710/309-310.CCLS. OR<br>710/105-106.CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:40 |
| S89 | 24108 | "711"/\$.CCLS.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:40 |



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|----------|--------|---|---|----|-----|------------------|
| S90      | 10     | S89 AND S74 AND S68 AND S75 AND SYNCHRONIZ\$9 AND FRAME\$1                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:55 |
| S91      | 21     | "5436897".UREF. OR "5412697". UREF.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:55 |
| S92      | 9      | S91 AND S60   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 08:55 |
| S93      | 11     | ("5619541").URPN.   | USPAT   | OR | OFF | 2005/03/15 08:56 |
| S94      | 0      | (S91 OR S93) AND S68 AND S61  | USPAT   | OR | OFF | 2005/03/15 08:57 |
| S95      | 7      | (S91 OR S93) AND S68  | USPAT   | OR | OFF | 2005/03/15 08:57 |
| S96      | 2      | (S91 OR S93) AND S61  | USPAT   | OR | OFF | 2005/03/15 08:57 |
| S97      | 84     | weinberg.inv. and track\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 13:59 |
| S98      | 135    | categor\$3 and (monitor\$3 with (traffic or track\$3) with (web adj site\$1)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 13:55 |
| S99      | 0      | S97 and S98   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 13:55 |
| S10<br>0 | 6509   | 709/223-224.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 13:55 |
| S10<br>1 | 22     | S100 and S98  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 13:56 |
| S10<br>2 | 209194 | total near3 number  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 13:56 |



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|----------|--------|-----------------------------------|---|----|-----|------------------|
| S10<br>3 | 230346 | total near5 (hit\$1 or number\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 13:56 |
| S10<br>4 | 32     | S103 and S98                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 13:59 |
| S10<br>5 | 7      | weinberg.inv. and "709"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:08 |
| S10<br>6 | 2      | "6480946".pn.                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:08 |
| S10<br>7 | 1      | S106 and bus                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:09 |
| S10<br>8 | 0      | S106 and frame\$1                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:09 |
| S10<br>9 | 1      | S106 and bus                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:12 |
| S11<br>0 | 1      | S106 and bit\$1                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:12 |
| S11<br>1 | 185    | data adj field adj bit\$1         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:12 |
| S11<br>2 | 18     | S111 and (falling adj edge)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:14 |

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|----------|--------|--|---|----|-----|------------------|
| S11<br>3 | 81191  | (clock\$1 or phase\$1) near4<br>(adjust\$3 or modif\$8)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:15 |
| S11<br>4 | 1      | S113 and S106  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/15 14:15 |
| S11<br>5 | 51295  | (falling or egress or ingress or<br>rising or positive or negative) adj3<br>edge | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:00 |
| S11<br>6 | 130632 | (command or control) near3 (bit\$1<br>or field\$1)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 10:55 |
| S11<br>7 | 130789 | (command or control or ctrl or<br>cmd) near3 (bit\$1 or field\$1)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:05 |
| S11<br>8 | 1176   | S115 same S117   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:05 |
| S11<br>9 | 474    | S118 and frame\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:05 |
| S12<br>0 | 153    | S118 same frame\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:05 |
| S12<br>1 | 114    | S120 and @ad<"20010101"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:07 |
| S12<br>2 | 42012  | (egress or ingress or rising or<br>positive) adj3 edge                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:06 |

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|----------|-------|--|---|----|-----|------------------|
| S12<br>3 | 18855 | S122 with (clock\$1 or timer\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:07 |
| S12<br>4 | 4574  | S123 and S117  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:07 |
| S12<br>5 | 117   | S123 and S120  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:07 |
| S12<br>6 | 84    | S125 and @ad<"20010101"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:15 |
| S12<br>7 | 80    | synchroniz\$9 and S126   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:13 |
| S12<br>8 | 31945 | (clock or tim\$3) near5<br>(synchroniz\$8 or adjust\$3 or<br>modif\$9) near5 (frame\$1 or<br>packet\$1 or phase\$1)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:13 |
| S12<br>9 | 32489 | (clock\$1 or tim\$3) near5<br>(synchroniz\$8 or adjust\$3 or<br>modif\$9) near5 (frame\$1 or<br>packet\$1 or phase\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:00 |
| S13<br>0 | 602   | S129 same S122   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:14 |
| S13<br>1 | 164   | S130 and S117  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:14 |
| S13<br>2 | 10    | S130 same S117   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:14 |

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| S13<br>3 | 82    | S131 and @ad<"20010101"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:17 |
| S13<br>4 | 42012 | S122 and S115  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:17 |
| S13<br>5 | 82    | S133 and S115  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:48 |
| S13<br>6 | 69742 | (SYNC\$12 NEAR3 (BIT\$1 OR<br>BYTE\$1 OR FRAME\$1 OR<br>PACKET\$1)) OR (START ADJ BIT) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:00 |
| S13<br>7 | 3447  | 713/400-401.CCLS. OR<br>713/500-502.CCLS. OR<br>713/600-601.CCLS.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 14:59 |
| S13<br>8 | 526   | S137 AND S136  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:52 |
| S13<br>9 | 237   | S138 AND S115  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:52 |
| S14<br>0 | 508   | 710/60-61.CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 13:52 |
| S14<br>1 | 13    | S140 AND S139  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 14:54 |
| S14<br>2 | 766   | BUS ADJ SPECIFICATION AND<br>IEEE  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 14:55 |

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| S14<br>3 | 766   | (BUS ADJ SPECIFICATION) AND<br>IEEE  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 14:55 |
| S14<br>4 | 279   | S143 AND "1394"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 14:55 |
| S14<br>5 | 106   | S144 AND "710"/\$.CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 14:58 |
| S14<br>6 | 4736  | ISOCHRONOUS  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 14:58 |
| S14<br>7 | 3447  | 713/400-401.CCLS. OR<br>713/500-502.CCLS. OR<br>713/600-601.CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 14:59 |
| S14<br>8 | 6     | S147 AND S144  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:00 |
| S14<br>9 | 69742 | (SYNC\$12 NEAR3 (BIT\$1 OR<br>BYTE\$1 OR FRAME\$1 OR<br>PACKET\$1)) OR (START ADJ BIT)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:00 |
| S15<br>0 | 32489 | (clock\$1 or tim\$3) near5<br>(synchroniz\$8 or adjust\$3 or<br>modif\$9) near5 (frame\$1 or<br>packet\$1 or phase\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:00 |
| S15<br>1 | 51295 | (falling or egress or ingress or<br>rising or positive or negative) adj3<br>edge                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:04 |
| S15<br>2 | 73    | S151 AND S150 AND S149 AND<br>S147   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:02 |

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| S15<br>3 | 8     | S152 AND S146   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:02 |
| S15<br>4 | 30403 | (falling or negative) adj3 edge   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:04 |
| S15<br>5 | 49    | S154 AND S152   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:05 |
| S15<br>6 | 37    | S155 AND @AD<"20010618"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:08 |
| S15<br>7 | 37    | S156 AND (CONTROL OR<br>COMMAND OR CTRL OR CMD)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:15 |
| S15<br>8 | 209   | S147 AND INTEL.ASN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:16 |
| S15<br>9 | 85    | S158 AND S151   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:16 |
| S16<br>0 | 54    | S159 AND S154   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:16 |
| S16<br>1 | 8     | S149 AND S160   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/16 15:16 |
| S16<br>2 | 14    | ("4878233"   "5163069"  <br>"5256994"   "5887039"  <br>"5909563"   "5919254"  <br>"6112307"   "6188255"  <br>"6269136"   "6336159"  <br>"6393502"   "6505149"  <br>"6539444"   "6584575").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/03/16 15:17 |

|          |        |   |   |    |     |                  |
|----------|--------|---|---|----|-----|------------------|
| S16<br>3 | 7      | S162 AND S154   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/03/16 15:18 |
| S16<br>6 | 193113 | (adjust\$3 or modif\$9 or alter\$3 or<br>chang\$3) near5 phase\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 10:53 |
| S16<br>7 | 67443  | (falling or egress or ingress or<br>negative or positive or ris\$3)<br>near3 edge   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:15 |
| S16<br>8 | 58155  | (falling or egress or ingress or<br>negative or positive or ris\$3) adj3<br>edge  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 10:53 |
| S16<br>9 | 231423 | (adjust\$3 or modif\$9 or alter\$3 or<br>chang\$3) near5 (clock or phase\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 10:54 |
| S17<br>0 | 800737 | (adjust\$3 or modif\$9 or alter\$3 or<br>chang\$3) near5 (clock or tim\$3 or<br>phase\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:44 |
| S17<br>1 | 131118 | (multiphase or multi or multiple or<br>plurality) with (phas\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 10:54 |
| S17<br>2 | 377718 | (command or control or data)<br>near3 (bit\$1 or field\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:13 |
| S17<br>3 | 1514   | (greater or more) near3<br>command\$1 near3 data  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 10:57 |
| S17<br>4 | 1554   | (drop\$4 or cancel\$3 or delet\$4 or<br>eliminat\$4) with (falling or egress<br>or ingress or negative or positive<br>or ris\$3) near3 edge | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 10:58 |



|          |         |   |   |    |     |                  |
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| S17<br>5 | 3       | S174 and S173   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:01 |
| S17<br>6 | 6920    | levy.inv. or mauritz.inv.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:01 |
| S17<br>7 | 387     | (paul adj3 levy).inv. or mauritz.<br>inv.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:01 |
| S17<br>8 | 2       | (paul adj3 levy).inv. or (karl adj3<br>mauritz).inv.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:02 |
| S17<br>9 | 32      | (paul adj3 levy) or (karl adj3<br>mauritz)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:04 |
| S18<br>0 | 0       | (karl adj3 mauritz).inv.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:04 |
| S18<br>1 | 49      | (karl and mauritz).inv.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:04 |
| S18<br>2 | 34195   | (synchron\$8 near5 (BUS OR<br>packet\$1 or frame\$1 or cell\$1 or<br>stream\$1 or data or video or<br>audio)) same (network or bus) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:13 |
| S18<br>3 | 1528847 | (command or control or data)<br>near3 (bit\$1 or field\$1 OR<br>VOABULARY OR WORD\$1 OR<br>LINE\$1 OR SIGNAL)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:15 |
| S18<br>4 | 104462  | (falling or egress or ingress or<br>negative or positive or ris\$3 OR<br>TIM\$3 OR CLOCK) near3 edge                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:18 |



|          |       |   |   |    |     |                  |
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| S18<br>5 | 46    | S184 AND S183 AND S182 AND<br>S170 AND S174 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:18 |
| S18<br>6 | 24664 | INTEL.ASN.                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:19 |
| S18<br>7 | 512   | S171 AND S186                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:19 |
| S18<br>8 | 0     | S187 AND S185                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:19 |
| S18<br>9 | 2     | S185 AND S186                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:22 |
| S19<br>0 | 61    | S186 AND S176                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:22 |
| S19<br>1 | 7     | S190 AND FALLING                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:22 |
| S19<br>2 | 26781 | ((FALLING OR NEGATIVE) ADJ<br>EDGE          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:23 |
| S19<br>3 | 506   | S192 AND S186                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:23 |
| S19<br>4 | 2806  | ((FALLING OR NEGATIVE) ADJ<br>EDGE).CLM.    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:23 |

|          |       |   |   |    |     |                  |
|----------|-------|---|---|----|-----|------------------|
| S19<br>5 | 64    | S194 AND S186   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:43 |
| S19<br>6 | 21459 | (encod\$3 near4 (packet\$1 or<br>frame\$1 or cell\$1 or stream\$1 or<br>data or video or audio)) same<br>(network or bus) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/14 11:43 |